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(12) United States Patent Lifshitz et al.

(54) WORK BENCH FRAME

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None

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(56) References Cited

U.S. PATENT DOCUMENTS

490,603 A 1/1893 Schmidt 742,647 A 10/1903 Herriman (Continued)

FOREIGN PATENT DOCUMENTS

CN 102409436 9/2010 DE 3219621 A1 12/1983 (Continued)

OTHER PUBLICATIONS

European Patent Office, European Search Report for EP Application No. 13155483.4 dated Aug. 22, 2013.

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(57) ABSTRACT

A work bench including a frame foldable between an in-use position and a closed position. A table surface is connected to the frame. The frame includes two sides, the two sides connected to each other with a latchable bar and one or more fixed crossbars. The work bench also includes movable catch which is movable from a position in which it retains the latchable bar at the latched position to maintain the work bench in an in-use position, and a released position in which the latchable bar is release from the catch to allow the work bench to be folded into a closed position.

17 Claims, 4 Drawing Sheets

